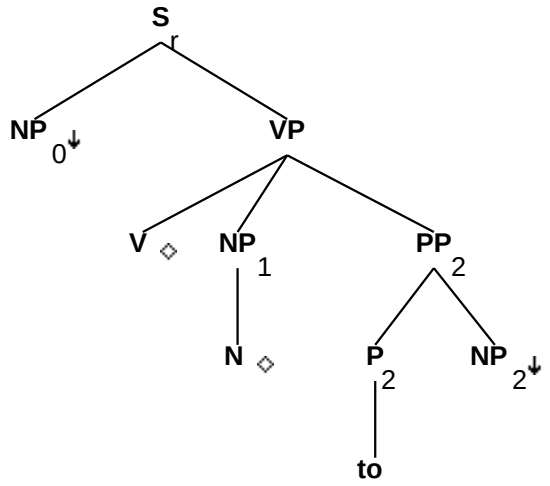
Family "Tnx0lVN1Pnx2"

March 5, 2008

1 Tree "alphanx0lVN1Pnx2"

1.1 graphe



1.2 comments

'John made promises to his mother'

1.3 features

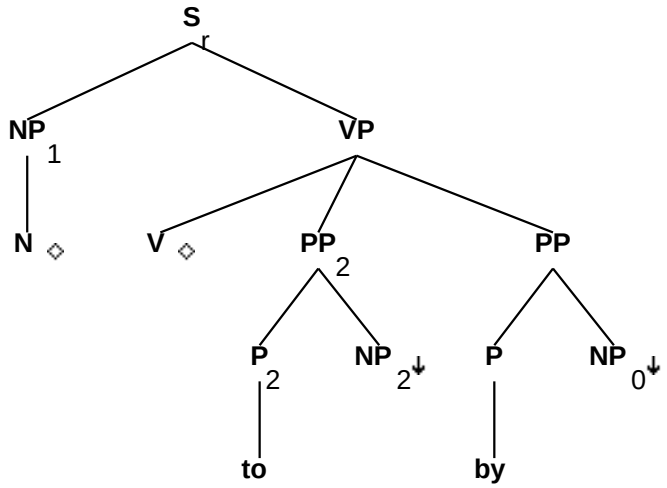
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

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> = -

```
NP_1:<case> = acc
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
NP_2:<wh> = PP_2.b:<wh>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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 "alphaN1lVPnx2bynx0"

2.1 graphe



2.2 comments

'Promises were made to John by a large conglomerate'

2.3 features

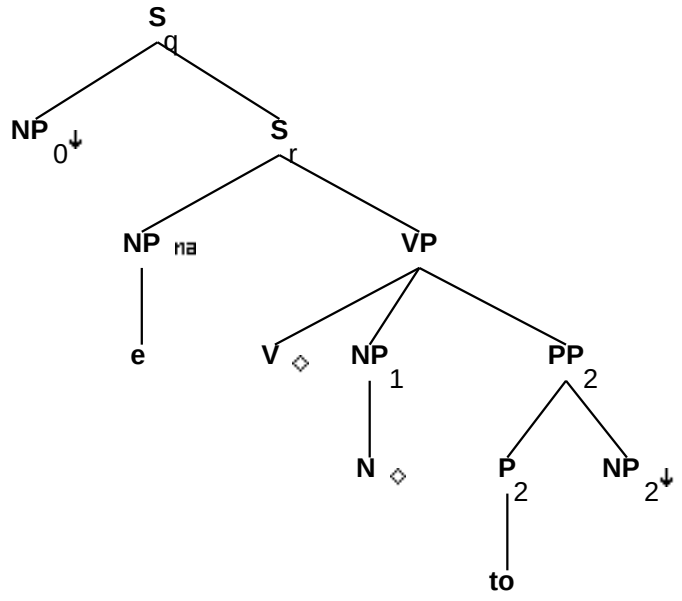
```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
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:<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:<mainv> = V.t:<mainv>
VP.b:<compar> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
P_2.b:<assign-case> = acc
P.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>

3 Tree "alphaW0nx0lVN1Pnx2"

3.1 graphe



3.2 comments

'Who made promises to John'

Need to decide what VP agrees with

3.3 features

S_q.b:<extracted> = +

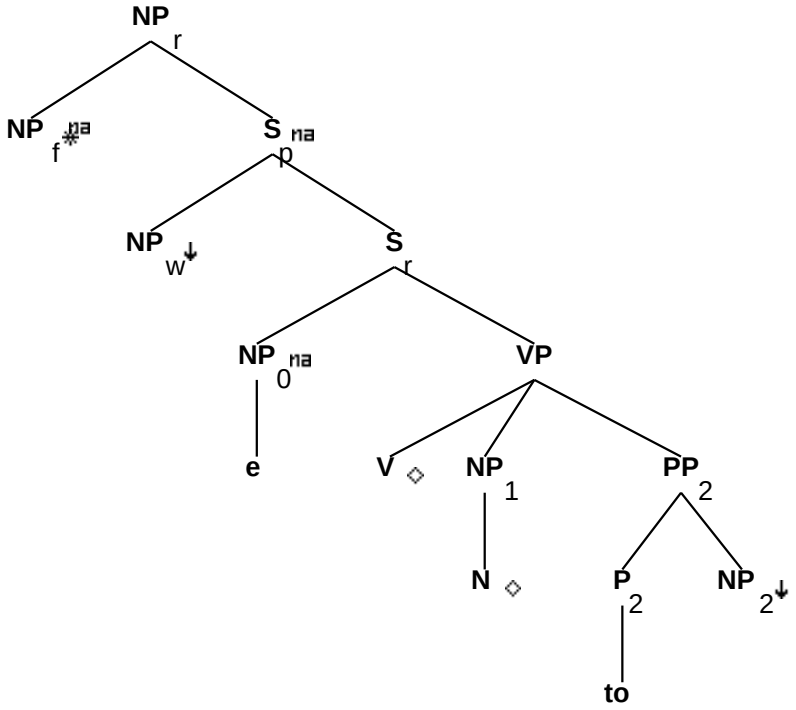
S_q.b:<inv> = S_r.t:<inv>
S_r.t:<comp> = nil
S_r.b:<assign-comp> = VP.t:<assign-comp>

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> = -
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
NP_2:<wh> = PP_2.b:<wh>
NP:<trace> = NP_0.t:<trace>
NP:<agr> = NP_0.t:<agr>
NP:<case> = NP_0.t:<case>
NP:<wh> = NP_0:<wh>
S_r.b:<agr> = NP.t:<agr>
S_r.b:<assign-case> = NP.t:<case>
NP_0:<wh> = +
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
NP_1:<case> = acc
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>

N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm

4 Tree "betaN0nx0lVN1Pnx2"

4.1 graphe



4.2 comments

Need to decide what VP agrees with

'the company that made promises to John'

4.3 features

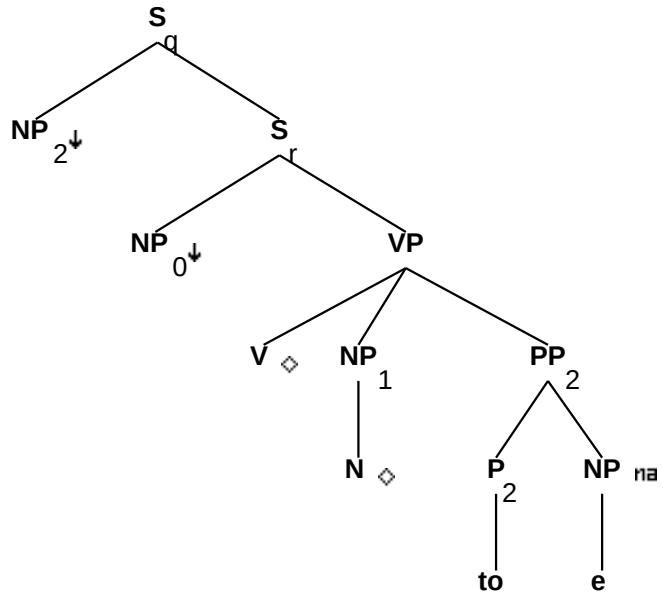
NP_r.b:<wh> = NP_f.t:<wh>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<wh> = -
NP_0.t:<agr> = S_r.b:<agr>

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

```
S_r.t:<mode> = ind/inf
S_r.t:<inv> = -
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>
NP_1:<case> = acc
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> = -
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.t:<conj> = nil

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:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

5 Tree ”alphaW2nx0lVN1Pnx2”

5.1 graphe



5.2 comments

```
'Who did the company make promises to'


Need to decide what VP agrees with
```

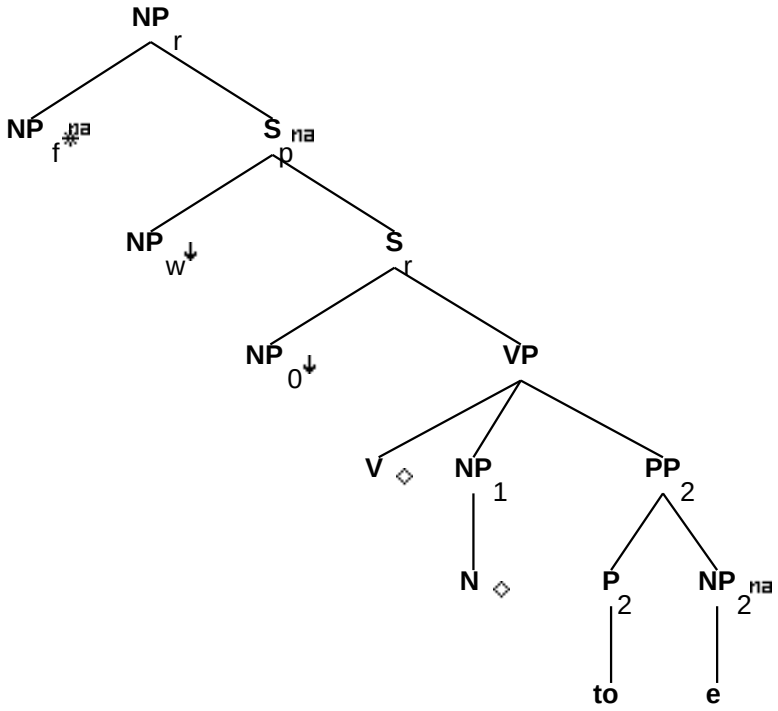
5.3 features

```
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_2:<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>
```

```
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<tense> = VP.t:<tense>
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP.t:<case>
PP_2.b:<wh> = NP.t:<wh>
NP:<trace> = NP_2:<trace>
NP:<agr> = NP_2:<agr>
NP:<case> = NP_2:<case>
NP:<wh> = NP_2:<wh>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.b:<control> = NP_0.t:<control>
S_r.t:<conj> = nil
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 "betaN2nx0lVN1Pnx2"

6.1 graphe



6.2 comments

Need to decide what VP agrees with

'the guy (that) they made promises to'

6.3 features

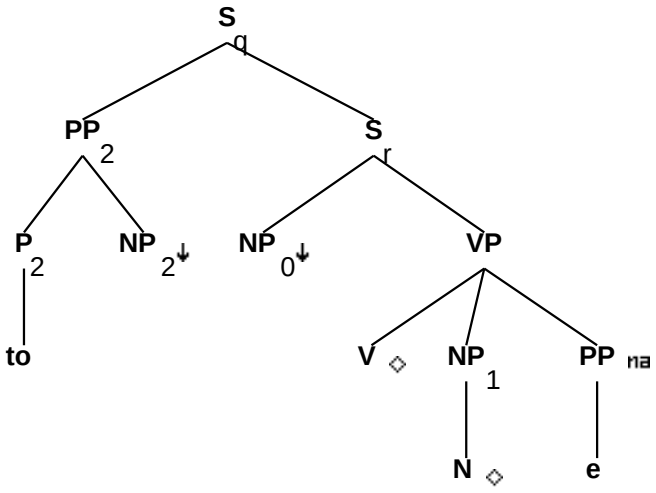
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.t:<mode> = ind/inf
S_r.t:<inv> = -
S_r.b:<inv> = -
NP_0:<agr> = S_r.b:<agr>
NP_0:<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>

```
S_r.b:<tense> = VP.t:<tense>
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> = -
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil
S_r.b:<control> = NP_0.t:<control>

NP_w.t:<trace> = NP_2.b:<trace>
NP_w.t:<case> = NP_2.b:<case>
NP_w.t:<agr> = NP_2.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

7 Tree ”alphaPW2nx0lVN1Pnx2”

7.1 graphe



7.2 comments

```
Need to decide what VP agrees with

'To whom did they make promises'
```

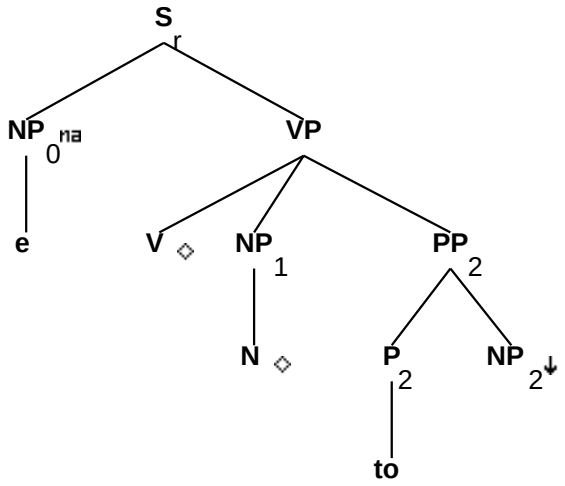
7.3 features

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

S_q.b:<inv> = S_r.t:<inv>
S_q.b:<inv> = S_q.b:<invlink>
S_q.b:<wh> = PP_2:<wh>
S_r.t:<comp> = nil
S_r.b:<assign-comp> = VP.t:<assign-comp>
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>
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
PP_2.t:<trace> = PP.t:<trace>
```

```
S_r.b:<tense> = VP.t:<tense>
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
P_2.t:<assign-case> = PP_2.b:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
PP_2.b:<wh> = NP_2.t:<wh>
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 "alphaInx0lVN1Pnx2"

8.1 graphe



8.2 comments

'Make promises to John'

8.3 features

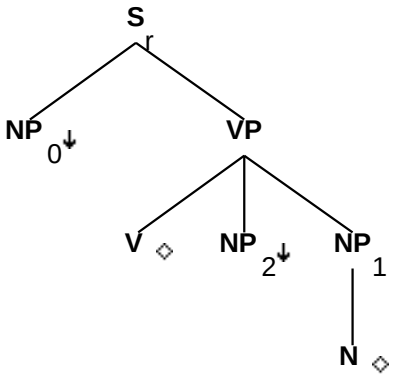
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = imp
S_r.b:<comp> = nil
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_0:<wh> = -
NP_0:<agr pers> = 2
NP_0:<agr 3rdsing> = -
NP_0:<agr num> = plur/sing
NP_0:<case> = nom
NP_1:<case> = acc
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:<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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
PP_2.b:<wh> = NP_2.t:<wh>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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>

9 Tree "alphanx0lVnx2N1"

9.1 graphe



9.2 comments

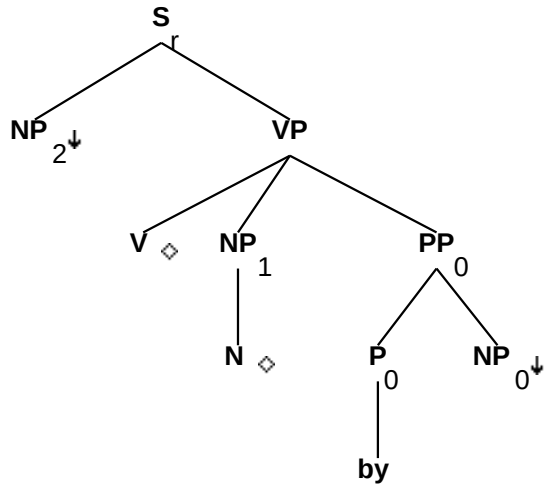
'The company made John promises'

9.3 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> = -
NP_2:<case> = acc
NP_1:<case> = acc
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:<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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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>
```

10 Tree "alphanx2lVN1bynx0"

10.1 graphe



10.2 comments

```
QUESTIONABLE BUT IN:
'John was made offers by the company'
'The bank was made payments by John'
'The renters were made loans by the bank officer'
'Mary was made promises by John'
```

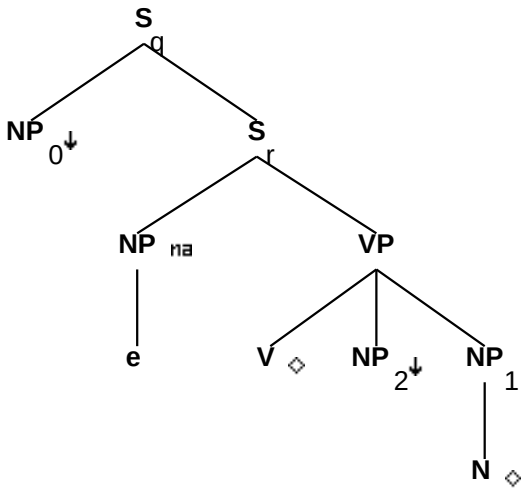
10.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>



S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_2:<agr> = S_r.b:<agr>
NP_2:<case> = S_r.b:<assign-case>
NP_2:<wh> = S_r.b:<wh>
NP_2:<wh> = -
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
```

```
S_r.b:<assign-case> = VP.t:<assign-case>
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:<mainv> = V.t:<mainv>
VP.b:<compar> = -
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
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.b:<control> = NP_2.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>
```

11 Tree "alphaW0nx0lVnx2N1"

11.1 graphe



11.2 comments

Need to decide what VP agrees with.

'Who made John offers?'

11.3 features

S_q.b:<extracted> = +

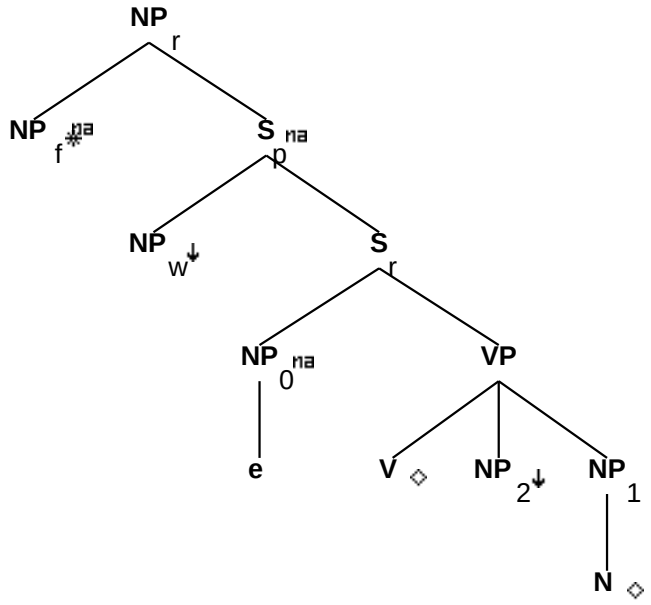
S_q.b:<inv> = S_r.t:<inv>
S_r.t:<comp> = nil
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_q.b:<wh> = NP_0.t:<wh>
S_q.b:<comp> = nil
S_q.b:<mode> = S_r.t:<mode>

S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = NP.t:<agr>
S_r.b:<assign-case> = NP.t:<case>
S_r.b:<inv> = -
NP.t:<trace> = NP_0.t:<trace>
NP.t:<case> = NP_0.t:<case>
NP.t:<agr> = NP_0.t:<agr>
NP.t:<wh> = NP_0.t:<wh>
NP_0:<wh> = +
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
NP_2:<case> = acc
NP_1:<case> = acc
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>

N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm

12 Tree "betaN0nx0lVnx2N1"

12.1 graphe



12.2 comments

Need to decide what VP agrees with.

'the company that made John promises'

12.3 features

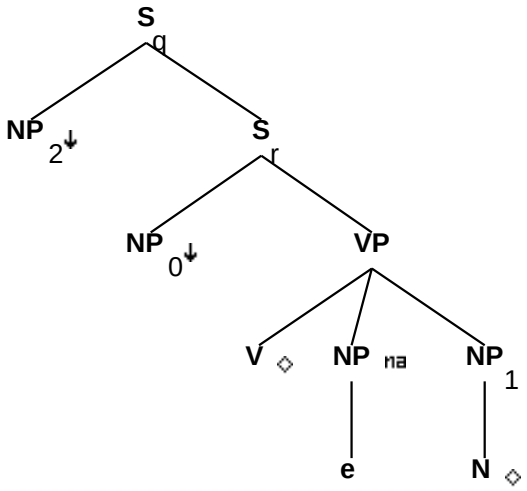
S_r.b:<assign-comp> = VP.t:<assign-comp>

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

```
S_r.t:<mode> = ind/inf
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
NP_2:<case> = acc
NP_1:<case> = acc
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> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil

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:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

13 Tree "alphaW2nx0lVnx2N1"

13.1 graphe



13.2 comments

```
QUESTIONABLE BUT IN:
Who did the company make promises?'
```

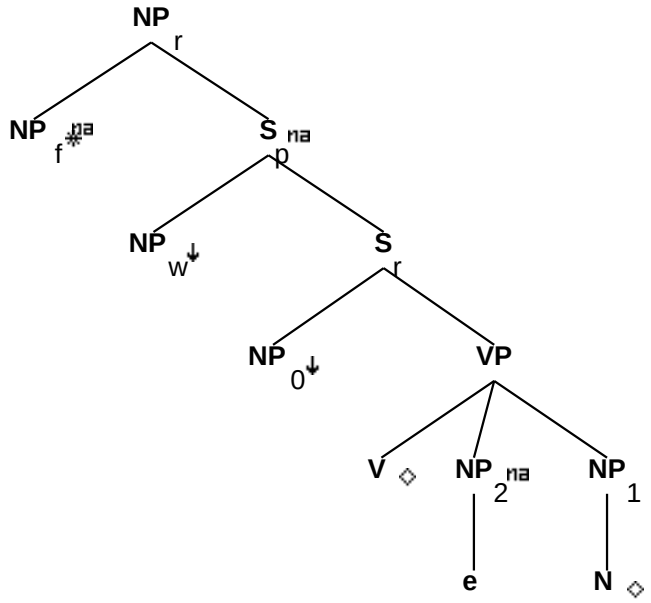
13.3 features

```
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_2:<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>
NP_1:<case> = acc
NP:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
NP.t:<trace> = NP_2.t:<trace>
```

```
NP.t:<agr> = NP_2.t:<agr>
NP.t:<case> = NP_2.t:<case>
NP:<wh> = NP_2:<wh>
S_r.b:<tense> = VP.t:<tense>
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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>
```

14 Tree "betaN2nx0lVnx2N1"

14.1 graphe



14.2 comments

```
QUESTIONABLE BUT IN:
'the guy (that) they made t promises'
```

14.3 features

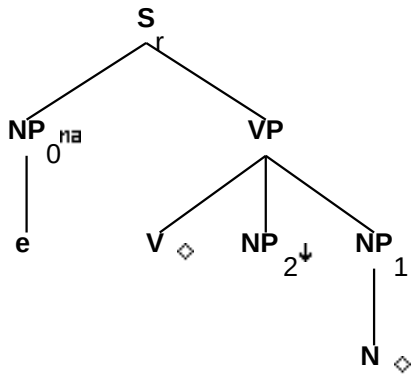
```
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<mode> = VP.t:<mode>
S_r.t:<inv> = -
S_r.t:<mode> = ind/inf
S_r.b:<inv> = -
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
NP_2:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<control> = NP_0.t:<control>
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> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_2.b:<trace>
NP_w.t:<case> = NP_2.b:<case>
NP_w.t:<agr> = NP_2.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

15 Tree "alphaInx0lVnx2N1"

15.1 graphe



15.2 comments

'Make John promises'
'Make the bank payments'

15.3 features

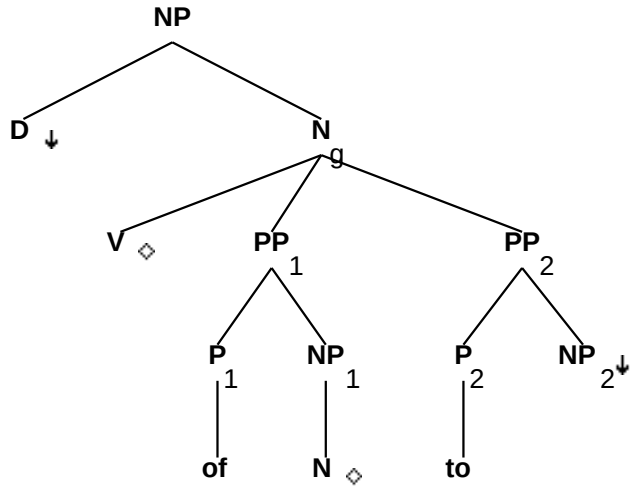
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = imp
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> = -
NP_0:<agr pers> = 2
NP_0:<agr 3rdsing> = -
NP_0:<agr num> = plur/sing
NP_0:<case> = nom
NP_2:<case> = acc
NP_1:<case> = acc
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:<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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>

N.t:<decreas> = NP_1.b:<decreas>
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>

16 Tree "alphaDnx0lVN1Pnx2"

16.1 graphe



16.2 comments

Ditransitive Light verb (with PP shift)- Determiner Gerund:
'the making of promises to John'

There is no unshifted PP counterpart for this tree, witness
'*...the making John promises...'

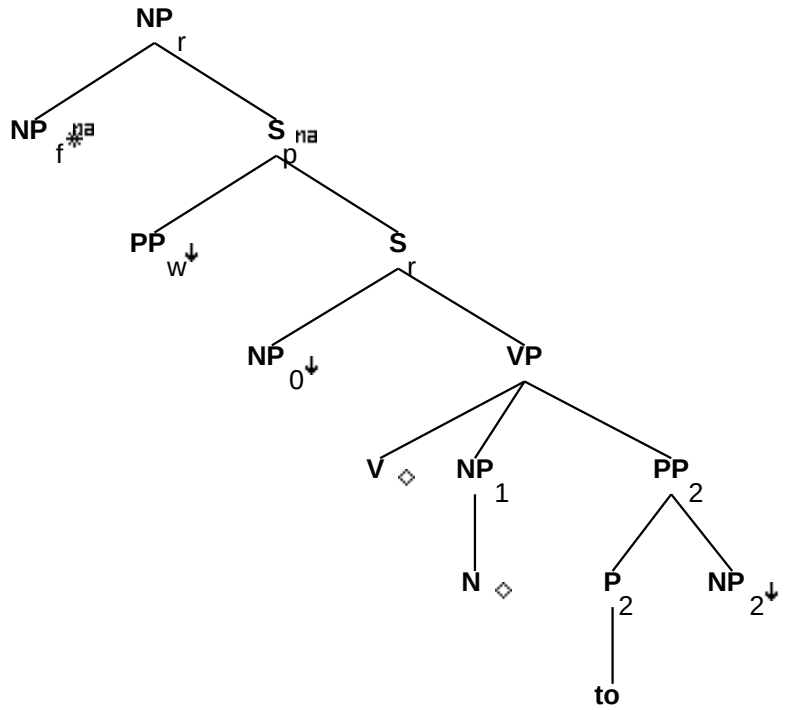
16.3 features

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>
NP_1:<case> = acc
V.b:<mode> = ger
NP.b:<case> = nom/acc
NP.b:<agr num> = sing
NP.b:<agr pers> = 3

```
NP.b:<agr 3rdsing> = +
P_2.b:<assign-case> = acc
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
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>
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
```

17 Tree "betaNpxnx0lVN1Pnx2"

17.1 graphe



17.2 comments

'John made promises to his mother'

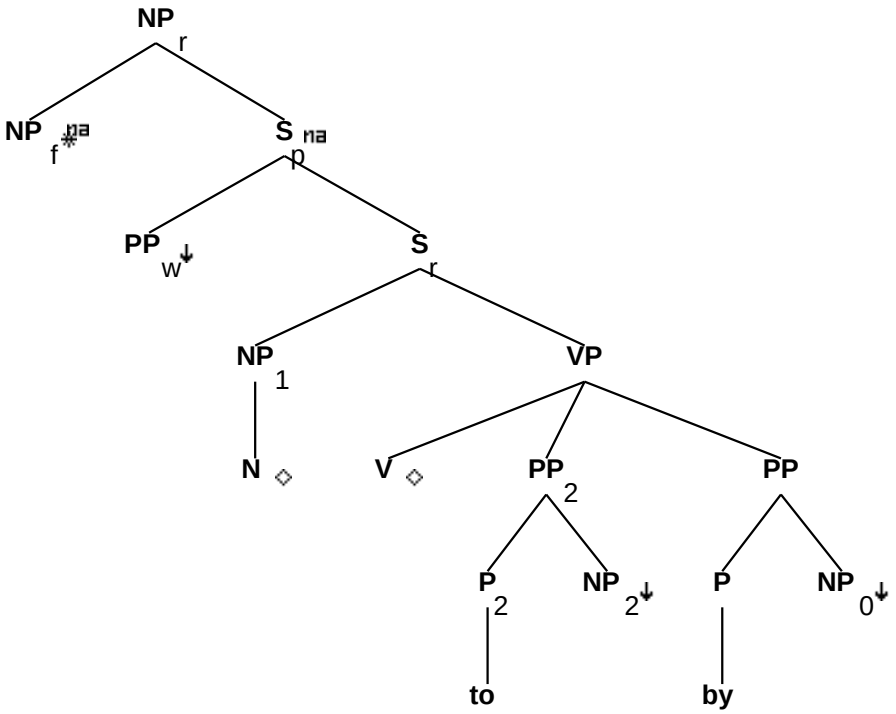
17.3 features

```
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> = -
NP_1:<case> = acc
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
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>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<rel-clause> = +
NP_f.b:<case> = nom/acc
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>
```

18 Tree "betaNpxN1lVPnx2bynx0"

18.1 graphe



18.2 comments

```
'Promises were made to John by a large conglomerate'
```

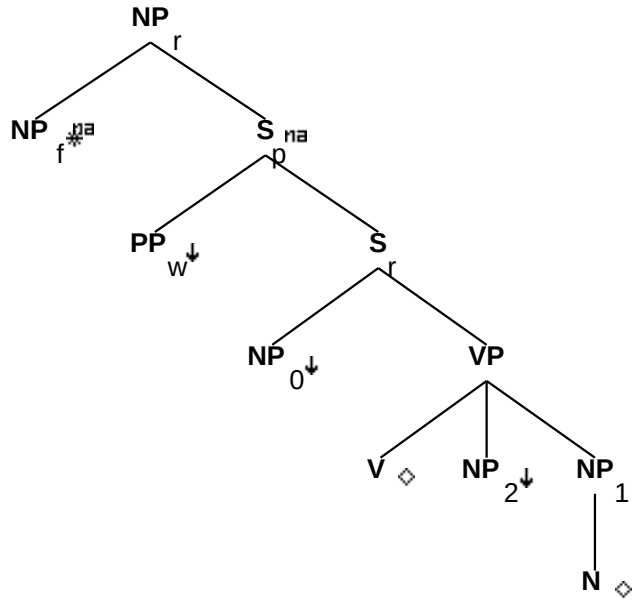
18.3 features

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

```
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
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:<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:<mainv> = V.t:<mainv>
VP.b:<compar> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
P_2.b:<assign-case> = acc
P.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

19 Tree "betaNpxnx0lVnx2N1"

19.1 graphe



19.2 comments

```
'The company made John promises'
```

19.3 features

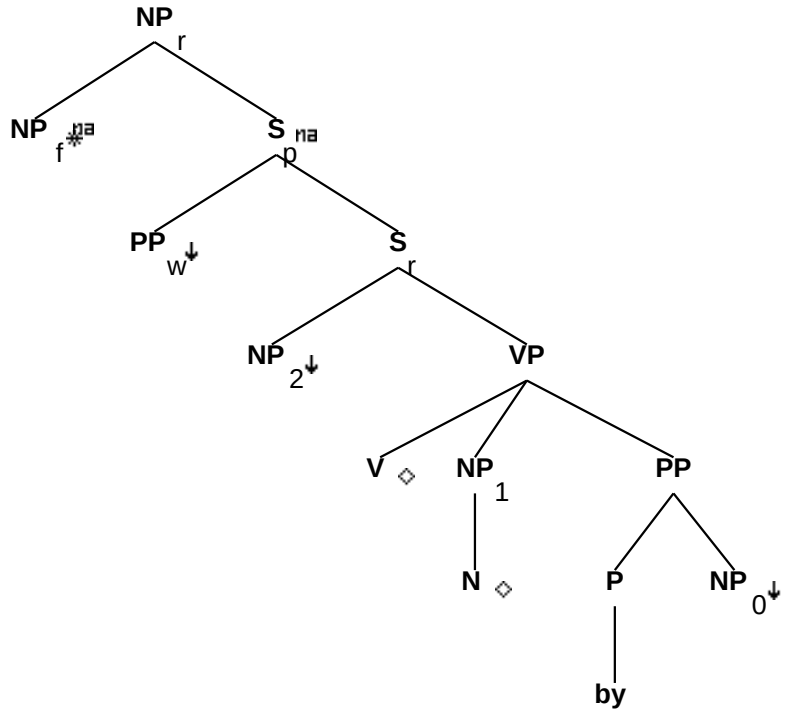
```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
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> = -
NP_2:<case> = acc
NP_1:<case> = acc
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:<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> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<rel-clause> = +
NP_f.b:<case> = nom/acc
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>
```

20 Tree "betaNpxnx2lVN1bynx0"

20.1 graphe



20.2 comments

```
QUESTIONABLE BUT IN:
'John was made offers by the company'
'The bank was made payments by John'
'The renters were made loans by the bank officer'
'Mary was made promises by John'
```

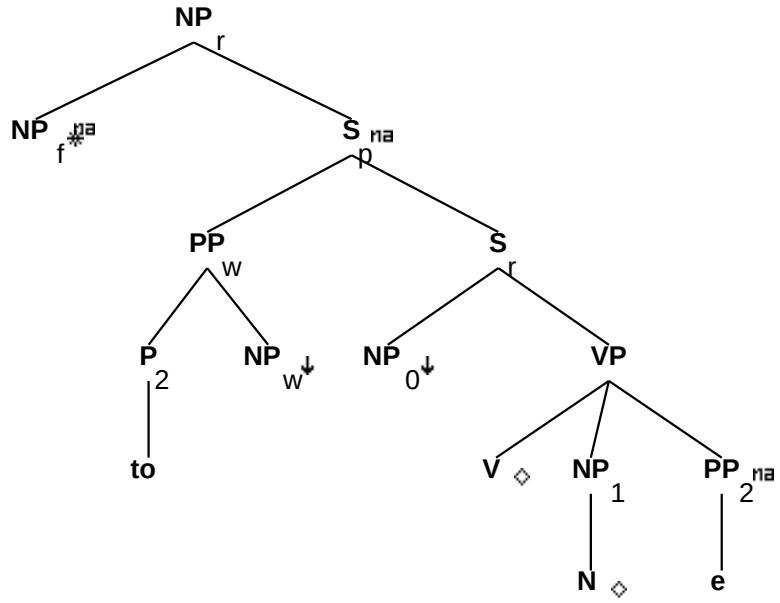
20.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>



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

```
S_r.b:<tense> = VP.t:<tense>
NP_2:<agr> = S_r.b:<agr>
NP_2:<case> = S_r.b:<assign-case>
NP_2:<wh> = -
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
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:<mainv> = V.t:<mainv>
VP.b:<compar> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
P.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
S_r.b:<control> = NP_1.t:<control>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<rel-clause> = +
NP_f.b:<case> = nom/acc
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>
```

21 Tree "betaNPnx2nx0lVN1Pnx2"

21.1 graphe



21.2 comments

Need to decide what VP agrees with

'the guy (that) they made promises to'

21.3 features

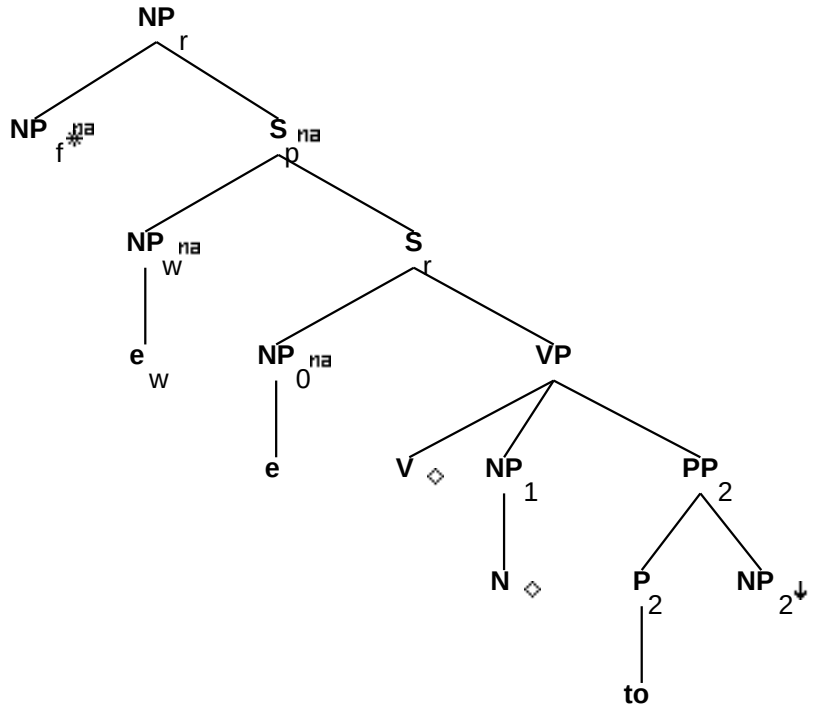
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.t:<mode> = ind/inf
S_r.t:<inv> = -
S_r.b:<inv> = -
NP_0:<agr> = S_r.b:<agr>
NP_0:<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>
S_r.b:<tense> = VP.t:<tense>
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> = -
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil
S_r.b:<control> = NP_0.t:<control>

NP_w.t:<wh> = +
S_r.t:<comp> = nil
PP_w.t:<trace> = PP_2.b:<trace>
PP_w.t:<case> = PP_2.b:<case>
PP_w.t:<agr> = PP_2.b:<agr>
PP_w.b:<assign-case> = P_2.t:<assign-case>
PP_w.b:<assign-case> = NP_w.t:<case>
PP_w.b:<wh> = NP_w.t:<wh>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

22 Tree "betaNc0nx0lVN1Pnx2"

22.1 graphe



22.2 comments

```
Need to decide what VP agrees with

'the company that made promises to John'
```

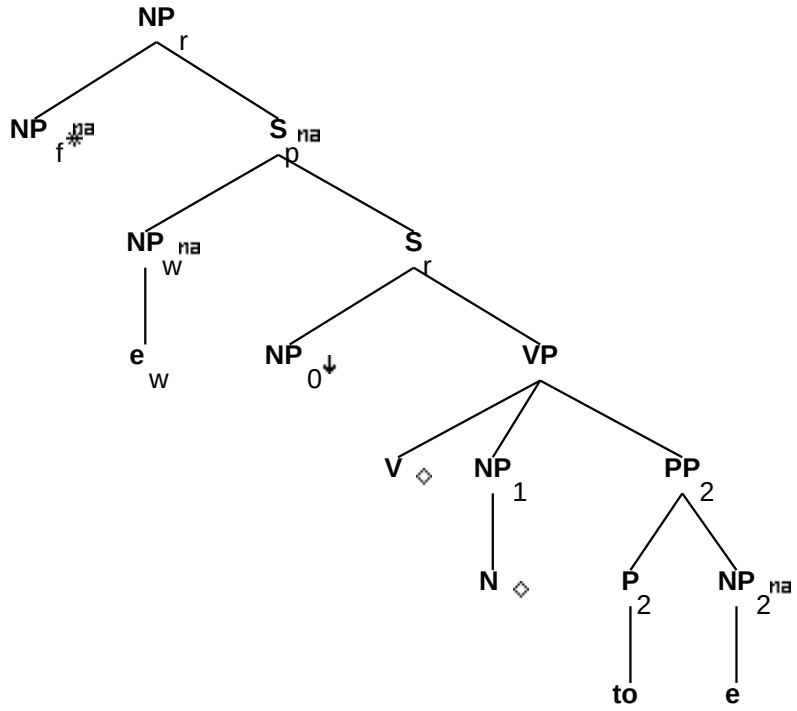
22.3 features

```
NP_r.b:<wh> = NP_f.t:<wh>
S_r.b:<assign-comp> = VP.t:<assign-comp>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<wh> = -
NP_0.t:<agr> = S_r.b:<agr>
NP_0.t:<case> = S_r.b:<assign-case>



S_r.t:<inv> = -
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>
NP_1:<case> = acc
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> = -
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.t:<conj> = nil

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_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ger/ind
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>
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

23 Tree "betaNc2nx0lVN1Pnx2"

23.1 graphe



23.2 comments

Need to decide what VP agrees with

'the guy (that) they made promises to'

23.3 features

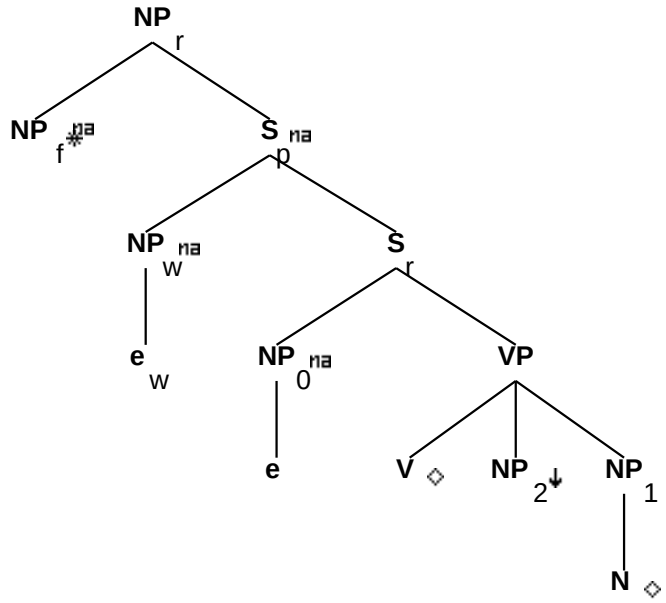
S_r.b:<assign-comp> = VP.t:<assign-comp>

S_r.b:<mode> = VP.t:<mode>
S_r.t:<inv> = -
S_r.b:<inv> = -
NP_0:<agr> = S_r.b:<agr>
NP_0:<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>
S_r.b:<tense> = VP.t:<tense>

```
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> = -
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil
S_r.b:<control> = NP_0.t:<control>

NP_w.t:<trace> = NP_2.b:<trace>
NP_w.t:<case> = NP_2.b:<case>
NP_w.t:<agr> = NP_2.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ind
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

24 Tree "betaNc0nx0lVnx2N1"

24.1 graphe



24.2 comments

```
Need to decide what VP agrees with.

'the company that made John promises'
```

24.3 features

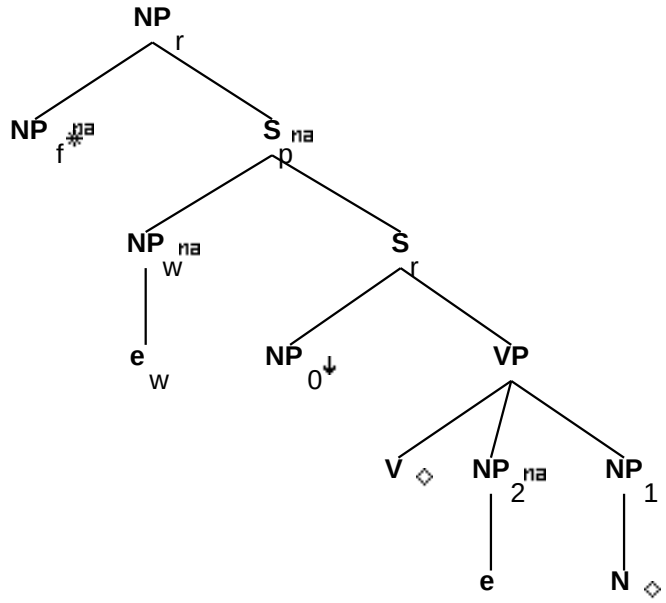
```
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<agr> = NP_0.t:<agr>
S_r.b:<assign-case> = NP_0.t:<case>
S_r.t:<inv> = -
S_r.b:<comp> = nil
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
NP_2:<case> = acc
NP_1:<case> = acc
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> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil

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_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ger/ind
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>
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

25 Tree "betaNc2nx0lVnx2N1"

25.1 graphe



25.2 comments

```
QUESTIONABLE BUT IN:
'the guy (that) they made t promises'
```

25.3 features

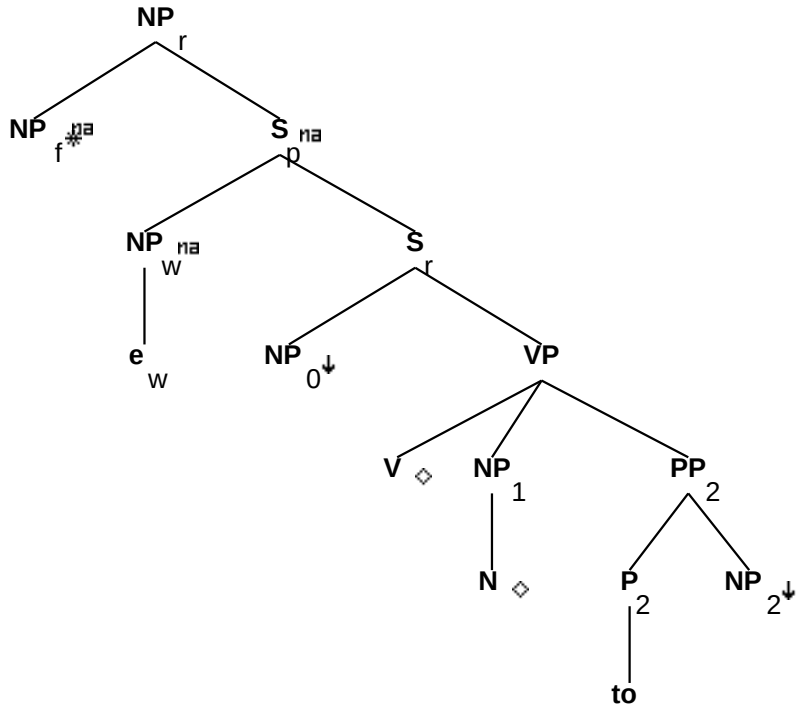
```
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<mode> = VP.t:<mode>
S_r.t:<inv> = -
S_r.b:<inv> = -
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_1:<case> = acc
NP_2:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<tense> = VP.t:<tense>
S_r.b:<control> = NP_0.t:<control>
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> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_2.b:<trace>
NP_w.t:<case> = NP_2.b:<case>
NP_w.t:<agr> = NP_2.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ind
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

26 Tree "betaNcnx0lVN1Pnx2"

26.1 graphe



26.2 comments

'John made promises to his mother'

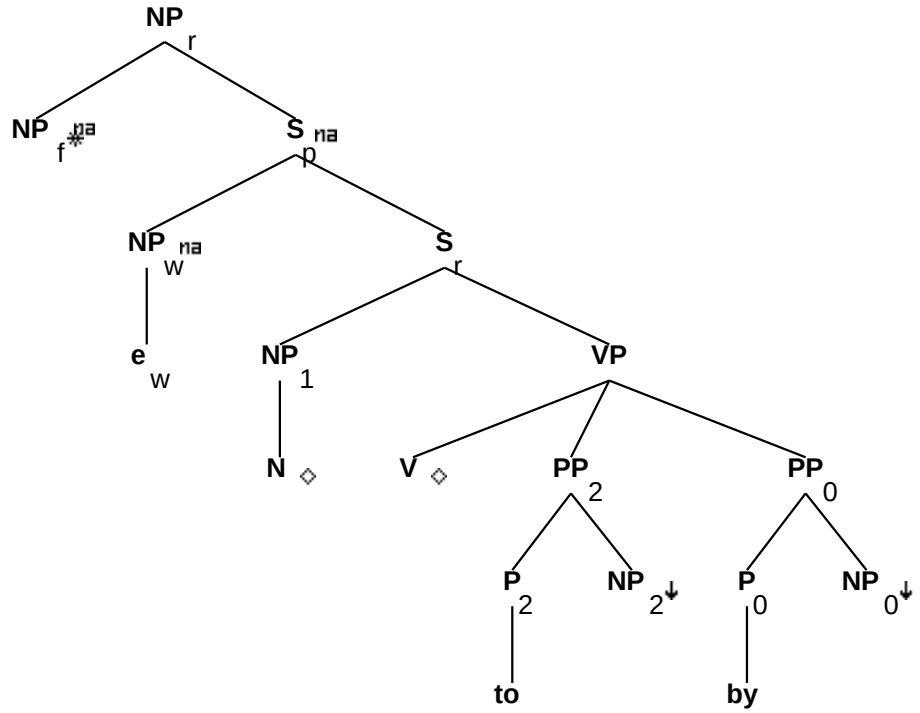
26.3 features

```
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> = -
NP_1:<case> = acc
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
S_r.b:<agr> = VP.t:<agr>
```

```
S_r.b:<assign-case> = VP.t:<assign-case>
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> = -
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<inv> = -
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>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
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>
```

27 Tree "betaNcN1lVPnx2bynx0"

27.1 graphe



27.2 comments

'Promises were made to John by a large conglomerate'

27.3 features

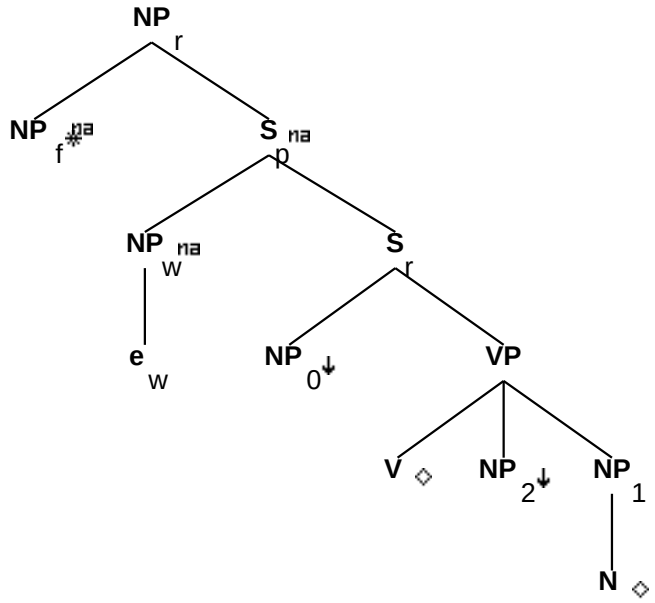
```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
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:<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:<mainv> = V.t:<mainv>
VP.b:<compar> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
PP_2.b:<assign-case> = P_2.t:<assign-case>
PP_2.b:<assign-case> = NP_2.t:<case>
P_2.b:<assign-case> = acc
P.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```

28 Tree "betaNcnx0lVnx2N1"

28.1 graphe



28.2 comments

'The company made John promises'

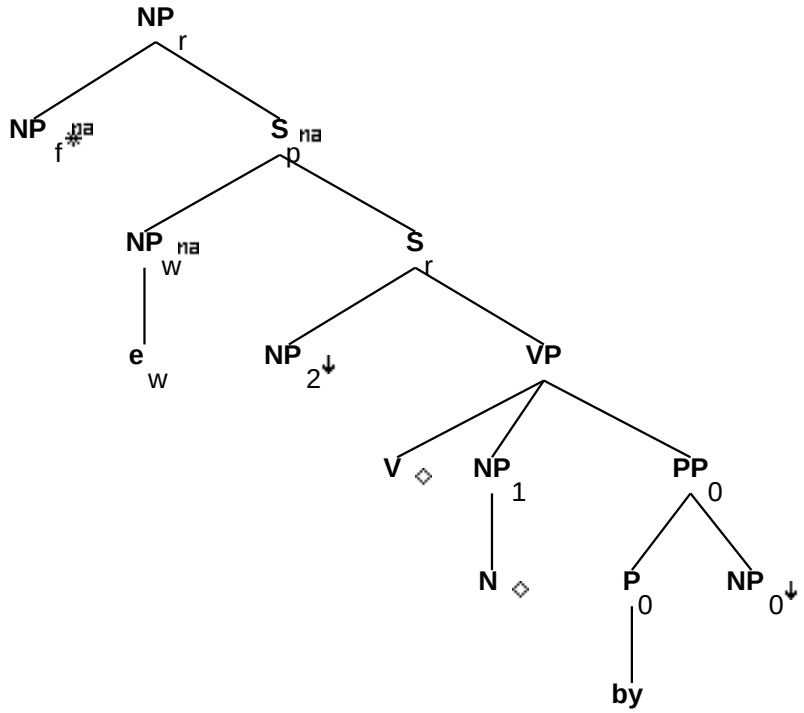
28.3 features

```
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> = -
NP_2:<case> = acc
NP_1:<case> = acc
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:<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> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<inv> = -
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>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
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>
```

29 Tree "betaNcnx2lVN1bynx0"

29.1 graphe



29.2 comments

```
QUESTIONABLE BUT IN:
'John was made offers by the company'
'The bank was made payments by John'
'The renters were made loans by the bank officer'
'Mary was made promises by John'
```

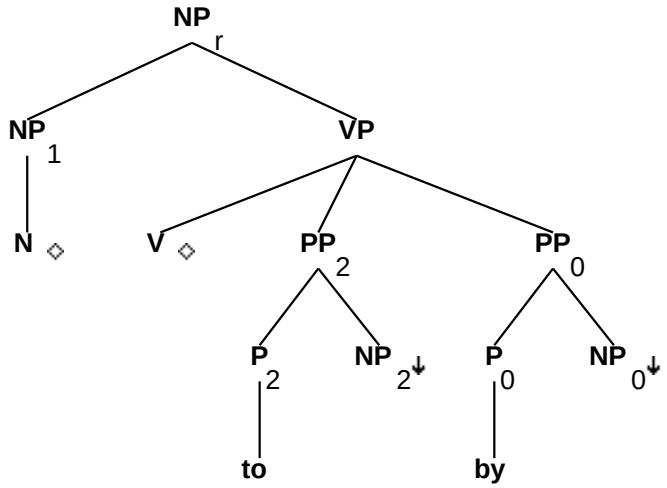
29.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>



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

```
S_r.b:<tense> = VP.t:<tense>
NP_2:<agr> = S_r.b:<agr>
NP_2:<case> = S_r.b:<assign-case>
NP_2:<wh> = -
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
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:<mainv> = V.t:<mainv>
VP.b:<compar> = -
PP.b:<assign-case> = P.t:<assign-case>
PP.b:<assign-case> = NP_0.t:<case>
P.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
S_r.b:<control> = NP_1.t:<control>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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:<inv> = -
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>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
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>
```

30 Tree "alphaGN1lVPnx2bynx0"

30.1 graphe



30.2 comments

```
Ditransitive Light Verb (shifted PP) -
 gerund passive with 'by' phrase:

 '... 'promises being made to the company by John'...'
```

30.3 features

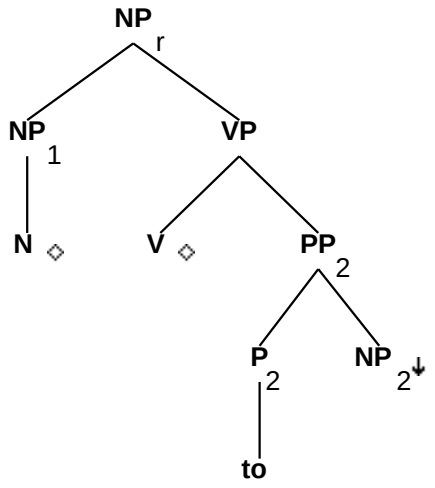
```
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +

NP_1.t:<wh> = NP_r.b:<wh>
NP_1.t:<case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
```

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> = +
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
P_2.b:<assign-case> = acc
P_0.t:<assign-case> = PP_0.b:<assign-case>
NP_0:<case> = PP_0.b:<assign-case>
P_0.b:<assign-case> = acc

31 Tree "alphaGN1lVPnx2"

31.1 graphe



31.2 comments

Ditransitive Light verb (shifted PP):
gerund passive without the 'by' phrase:

'...'promises being made to the company'...'

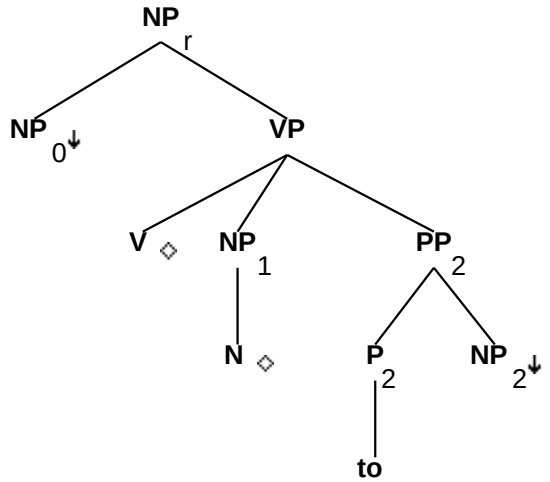
31.3 features

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.t:<wh> = NP_r.b:<wh>
NP_1.t:<case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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> = +
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
P_2.b:<assign-case> = acc
```

32 Tree "alphaGnx0lVN1Pnx2"

32.1 graphe



32.2 comments

Ditransitive Light Verbs (with PP shift) - NP gerund

...John('s) making promises to the company...

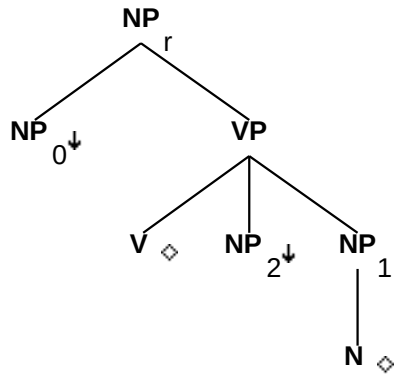
32.3 features

NP_1:<case> = acc
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
P_2.b:<assign-case> = acc
NP_0:<wh> = NP_r.b:<wh>
VP.t:<mode> = ger
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>

NP_r.b:<gerund> = +
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -
NP_0:<case> = acc/gen

33 Tree "alphaGnx0lVnx2N1"

33.1 graphe



33.2 comments

```
Ditransitive Light Verbs (with unshifted PP) - NP Gerund:

...John('s) making the company promises...
```

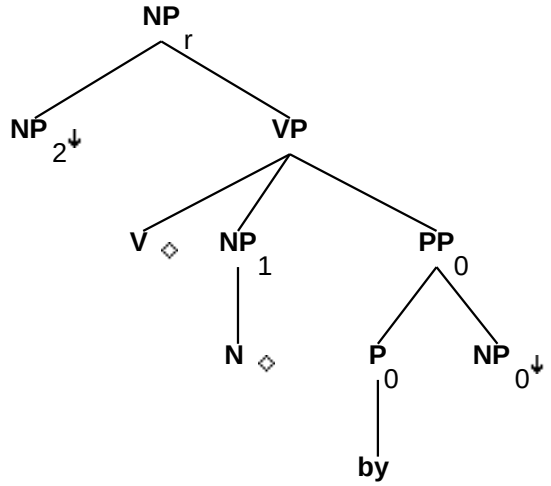
33.3 features

```
NP_2:<case> = acc
NP_1:<case> = acc
NP_0:<wh> = NP_r.b:<wh>
VP.t:<mode> = ger
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>



NP_r.b:<gerund> = +
VP.b:<mode> = V.t:<mode>
```

VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -
NP_0:<case> = acc/gen

34 Tree "alphaGnx2lVN1bynx0"

34.1 graphe



34.2 comments

Ditransitive Light Verbs (unshifted PP) - gerund passive with the by-phrase
QUESTIONABLE BUT IN:

...the company('s) being made promises by John...

34.3 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> = +

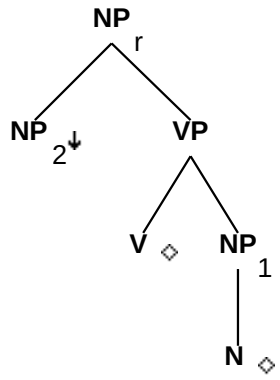
NP_2.t:<wh> = NP_r.b:<wh>
NP_1:<case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -

N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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
NP_0:<case> = PP_0.b:<assign-case>
NP_2:<case> = acc/gen

35 Tree "alphaGnx2lVN1"

35.1 graphe



35.2 comments

Ditransitive Light Verbs (unshifted PP) - gerund passive without the 'by' phrase
QUESTIONABLE BUT IN:

...the company('s) being made promises...

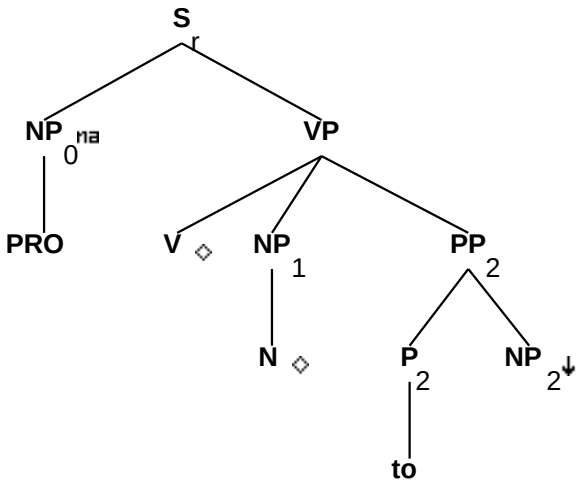
35.3 features

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_2.t:<wh> = NP_r.b:<wh>
NP_1:<case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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_2:<case> = acc/gen
```

36 Tree "alphanx0lVN1Pnx2-PRO"

36.1 graphe



36.2 comments

```
Ditransitgive Light Verbs (w/ PP shift) - PRO subject
```

John wanted [PRO to make promises to his mother].

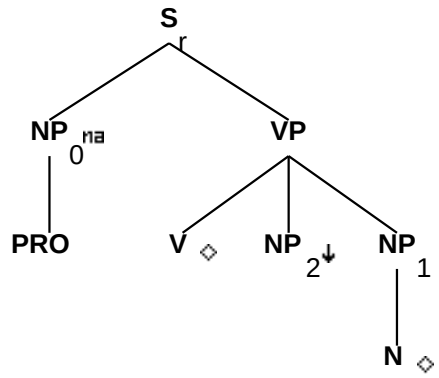
While [PRO giving a wave to Mary] John was spotted by his girlfriend.

36.3 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> = -
NP_0.t:<case> = none
NP_1:<case> = acc
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
NP_2:<wh> = PP_2.b:<wh>
S_r.b:<agr> = VP.t:<agr>
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
P_2.b:<assign-case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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

37 Tree "alphanx0lVnx2N1-PRO"

37.1 graphe



37.2 comments

```
Ditransitive Light Verbs (w/o PP shift) - PRO subject

John didn't want [PRO to make his mother promises].
While [PRO giving Mary a wave] John was spotted by his girlfriend.
```

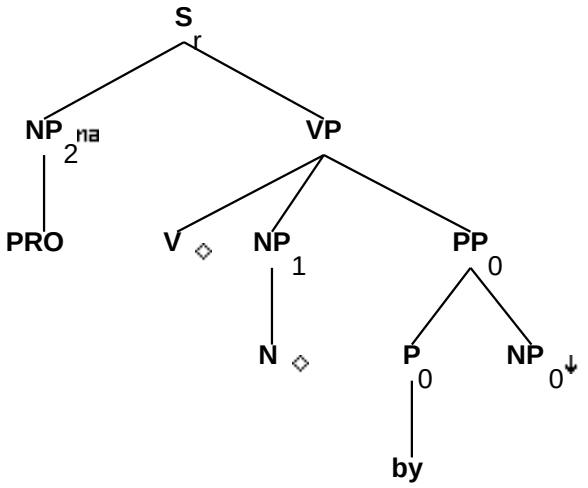
37.3 features

```
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> = -
NP_0.t:<case> = none
NP_2:<case> = acc
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
S_r.b:<control> = NP_0.t:<control>
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:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<compar> = -
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
```

NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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

38 Tree "alphanx2lVN1bynx0-PRO"

38.1 graphe



38.2 comments

Ditransitive Light Verbs - Passive w/ PRO subject
QUESTIONABLE BUT IN:

Mary didn't want [PRO to be made promises by John].

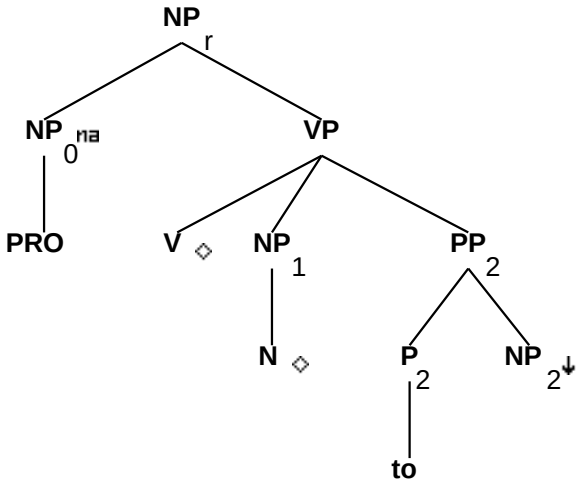
38.3 features

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

```
VP.b:<mode> = V.t:<mode>
V.t:<mode> = ppart
V.t:<passive> = +
VP.b:<passive> = V.t:<passive>
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_2.t:<case>
NP_2:<agr> = S_r.b:<agr>
NP_2:<wh> = S_r.b:<wh>
NP_2:<wh> = -
NP_2.t:<case> = none
NP_1:<case> = acc
S_r.b:<agr> = VP.t:<agr>
VP.b:<agr> = V.t:<agr>
VP.b:<tense> = V.t:<tense>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
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
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
S_r.b:<control> = NP_2.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
```

39 Tree "alphaGnx0lVN1Pnx2-PRO"

39.1 graphe



39.2 comments

```
Ditransitive Light Verbs (with PP shift) - NP gerund w/ PRO subject

John disapproved of [PRO making promises to the customers].
```

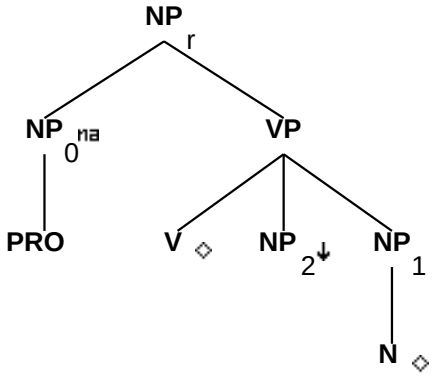
39.3 features

```
NP_1:<case> = acc
P_2.t:<assign-case> = PP_2.b:<assign-case>
NP_2:<case> = PP_2.b:<assign-case>
P_2.b:<assign-case> = acc
NP_0:<wh> = NP_r.b:<wh>
NP_0.t:<case> = none
NP_0.t:<wh> = -
VP.t:<mode> = ger
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
```

N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<gerund> = +
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -

40 Tree "alphaGnx0lVnx2N1-PRO"

40.1 graphe



40.2 comments

Ditransitive Light Verbs (with unshifted PP) - NP Gerund w/ PRO subject:

John disapproved of [PRO making the customers promises].

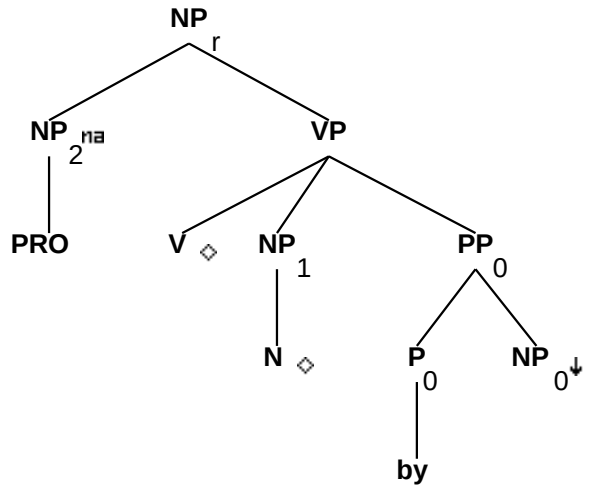
40.3 features

NP_2:<case> = acc
NP_1:<case> = acc
NP_0:<wh> = NP_r.b:<wh>
NP_0.t:<case> = none
NP_0.t:<wh> = -
VP.t:<mode> = ger
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>

N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
NP_r.b:<gerund> = +
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -

41 Tree "alphaGnx2lVN1bynx0-PRO"

41.1 graphe



41.2 comments

Ditransitive Light Verbs (unshifted PP) - gerund passive with the by-phrase, w/ PRO subject
QUESTIONABLE BUT IN:

John didn't like [PRO being made promises by the company].

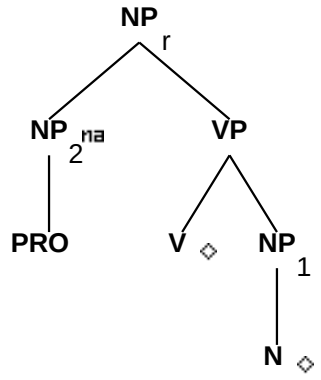
41.3 features

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_2.t:<wh> = NP_r.b:<wh>
NP_2.t:<case> = none
NP_2.t:<wh> = -
NP_1:<case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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
NP_0:<case> = PP_0.b:<assign-case>
```

42 Tree "alphaGnx2lVN1-PRO"

42.1 graphe



42.2 comments

```
Ditransitive Light Verbs (unshifted PP) - gerund passive without the by-phrase,
w/ PRO subject
QUESTIONABLE BUT IN:
```

```
John didn't like [PRO being made promises].
```

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_2.t:<wh> = NP_r.b:<wh>
NP_2.t:<case> = none
NP_2.t:<wh> = -
NP_1:<case> = acc
NP_1.b:<case> = N.t:<case>
NP_1.b:<pron> = N.t:<pron>
NP_1.b:<agr> = N.t:<agr>
NP_1.b:<wh> = N.t:<wh>
NP_1.b:<compar> = N.t:<compar>
N.b:<compar> = -
N.t:<const> = NP_1.b:<const>
N.t:<gen> = NP_1.b:<gen>
N.t:<definite> = NP_1.b:<definite>
N.t:<quan> = NP_1.b:<quan>
N.t:<card> = NP_1.b:<card>
N.t:<decreas> = NP_1.b:<decreas>
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> = +
```