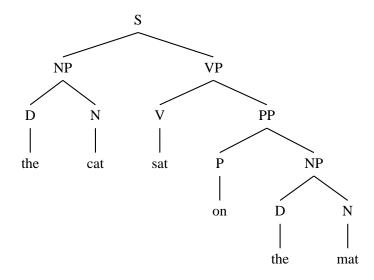
pst-qtree: a Qtree-like front end for pst-tree

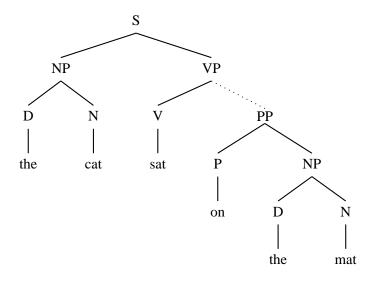
David Chiang

April 9, 2007

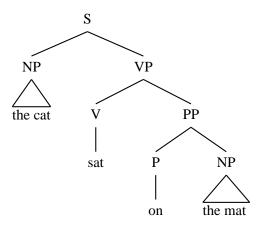
Basic trees are specified exactly as in Qtree:



If a node label starts with !, then the node is not automatically wrapped inside a \psnode for you. You may use a different node macro, and can pass options to it:

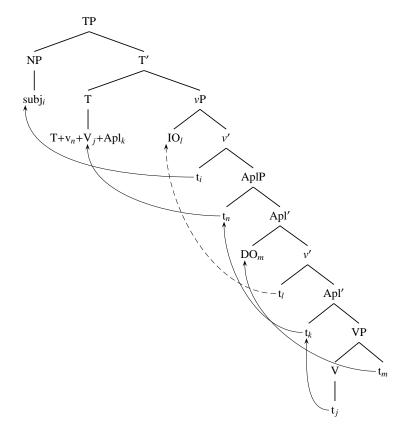


One special type of (large) node defined by pst-qtree is \Troof, which is similar to Qtree's \qroof but not identical in use.

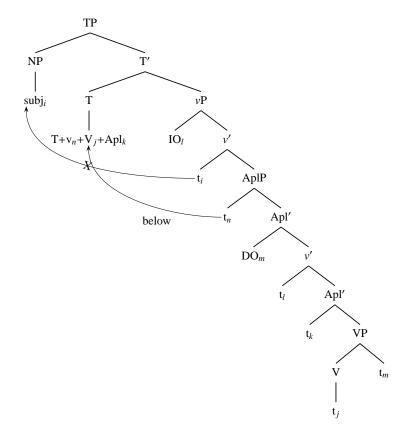


Arrows can be drawn between nodes using commands from pstricks: assign a label to each node using \rnode, then connect them using node connection commands such as \nccurve or \ncangle.

```
\Tree
[.TP [.NP \rnode{subj1}subj$_i$ ]
             [.T T+v_n+\rnode{V}V\_j$+Apl\_k\ ]
             [.{\dot v}P \rightarrow {io}{ 10}_1
                 [.{\dot v}\1 \rnode{subj2}t_i
                   [.AplP \rnode{v1}t$_n$
                     [.Apl\1 \rangle do{do}DO\_m
                       [.{\dot v}\1 \rnode{io1}t_1
                         [.Apl\1 \rangle {apl}1 \
                           [.VP [.V \rnode{V1}t$_j$ ]
                                \rnode{do1}t$_m$ ] ] ] ] ] ]
\psset{linewidth=0.3pt,arrowsize=4pt}
\psset{angleA=180,angleB=-90}
\nccurve{->}{subj2}{subj1}
\nccurve{->}{do1}{do}
\nccurve[linestyle=dashed]{->}{io1}{io}
\nccurve{->}{V1}{apl1}
\nccurve{->}{apl1}{v1}
\nccurve{->}{v1}{V}
```



Arrows can be labeled using \lput{:U} (on top of the arrow), or \taput \tbput \tlput or \trput (above, below, left of, or right of the arrow) after the \nccurve or \ncangle command.



Trees can be made to grow sideways, or upside down, using \psset{treemode=R} for right, L for left, or U for up. Other useful layout parameters inherited from pstricks include levelsep, ltreesep, ltreefit and nodesep.

NN:jianshe

NN:chengjiu