Using the `ccg-latex.sty` **file** Cem Bozşahin July 30, 2017

Examples with the `\cgex{n}{..}` command:

$$\dfrac{\dfrac{\text{John}}{S/(S\backslash NP)\ :\lambda p.p\ john'}\quad\dfrac{\dfrac{\text{likes}}{(S\backslash NP_{3s})/NP\ :\lambda x\lambda y.like'\,x\,y}\quad\dfrac{\text{Mary}}{(S\backslash NP)\backslash((S\backslash NP)/NP)\ :\lambda p.p\,mary'}<}{S\backslash NP:\lambda y.like'\,mary'\,y}>}{S:like'\,mary'\,john'}$$

$$\dfrac{\dfrac{\text{John}}{S/(S\backslash NP)\ :\lambda p.p\ john'}\quad\dfrac{\dfrac{\text{likes}}{(S\backslash NP_{3s})/NP\ :\lambda x\lambda y.like'\,x\,y}\quad\dfrac{\text{Mary}}{S\backslash(S/NP)\ :\lambda p.p\,mary'}}{S/NP:\lambda x.like'\,x\,john'}>\mathbf{B}}{S:like'\,mary'\,john'}>$$

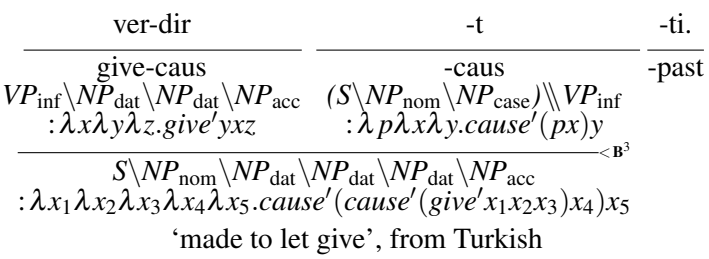
$$\dfrac{\dfrac{\text{dismiss}}{VP_{\text{inf}}/NP\colon\lambda x\lambda y.dismiss'\,x\,y}\quad\dfrac{\text{-ed}}{(S\backslash NP_{\text{agr}})\backslash\!\backslash VP_{\text{inf}}\colon\lambda p\lambda y.past'(P\,y)}}{(S\backslash NP_{\text{agr}})/NP\colon\lambda x\lambda y.past'(dismiss'\,x\,y)}<\mathbf{B}_{\times}$$

$$\text{Mary}\quad\dfrac{\dfrac{\dfrac{\dfrac{\dfrac{\text{musn't}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{1sg-pl}}}\quad\dfrac{\text{have}}{VP_{\text{1sg-pl}}/\!\!\diamond VP_{\text{en}}}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{en}}}>\mathbf{B}\quad\dfrac{\text{been}}{VP_{\text{en,ing}}/\!\!\diamond VP_{\text{ing}}}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{ing}}}>\mathbf{B}\quad\dfrac{\text{being}}{VP_{\text{pass,ing}}/\!\!\diamond VP_{\text{pass}}}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{pass}}}>\mathbf{B}\quad\dfrac{\dfrac{\text{arrest}}{VP_{\text{inf}}/\!\!\diamond NP}\quad\dfrac{\text{-ed}}{VP_{\text{pass}}\backslash\!\backslash(VP_{\text{inf}}/NP)}}{VP_{\text{pass}}}<}{S_{\text{pres}}\backslash NP}>$$

Example above using `\begin{ccg}{n}{data}{derivations}\end{ccg}`. This environment puts in the first lines itself. Based on `\cgex`. Check the `.tex` file.

$$\text{Mary}\quad\dfrac{\dfrac{\dfrac{\dfrac{\dfrac{\text{musn't}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{1sg-pl}}}\quad\dfrac{\text{have}}{VP_{\text{1sg-pl}}/\!\!\diamond VP_{\text{en}}}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{en}}}>\mathbf{B}\quad\dfrac{\text{been}}{VP_{\text{en,ing}}/\!\!\diamond VP_{\text{ing}}}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{ing}}}>\mathbf{B}\quad\dfrac{\text{being}}{VP_{\text{pass,ing}}/\!\!\diamond VP_{\text{pass}}}}{(S_{\text{pres}}\backslash NP)/\!\!\diamond VP_{\text{pass}}}>\mathbf{B}\quad\dfrac{\dfrac{\text{arrest}}{VP_{\text{inf}}/\!\!\diamond NP}\quad\dfrac{\text{-ed}}{VP_{\text{pass}}\backslash\!\backslash(VP_{\text{inf}}/NP)}}{VP_{\text{pass}}}<}{S_{\text{pres}}\backslash NP}>$$

Another example, to show glossing in the end:



'made to let give', from Turkish