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Examples with the $\c \n \$ derivations} command:

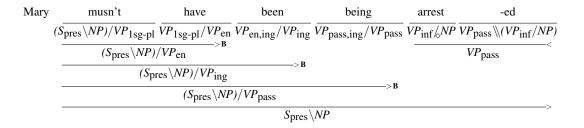
$$\frac{\text{John}}{S/(S \backslash NP)} \frac{\text{likes}}{(S \backslash NP_{3s})/NP} \frac{\text{Mary}}{(S \backslash NP) \backslash ((S \backslash NP)/NP)} \\ : \lambda p. pjohn' : \lambda x \lambda y. like' xy : \lambda p. pmary' \\ \hline \frac{S \backslash NP : \lambda y. like' mary' y}{S : like' mary' john'} >$$

$$\frac{\text{John}}{S/(S\backslash NP)} \frac{\text{likes}}{(S\backslash NP_{3s})/NP} \frac{\text{Mary}}{S\backslash (S/NP)} : \lambda p.pjohn' : \lambda x \lambda y.like'xy : \lambda p.pmary'} \frac{S/NP : \lambda x.like'xjohn'^{B}}{S : like'mary'john'} >$$

$$\frac{\text{dismiss}}{VP_{\inf}/NP: \lambda x \lambda y. dismiss' xy} \frac{-\text{ed}}{((S \backslash NP_{agr})/NP) \backslash (VP_{\inf}/NP): \lambda p \lambda x \lambda y. past'(Pxy)} - \frac{(S \backslash NP_{agr})/NP: \lambda x \lambda y. past'(dismiss' xy)}{(S \backslash NP_{agr})/NP: \lambda x \lambda y. past'(dismiss' xy)}$$

$$\frac{\text{Mary}}{(S_{\overline{\text{pres}}} \backslash NP)/VP_{1sg\text{-pl}}} \frac{\text{have}}{VP_{1sg\text{-pl}}/VP_{\text{en}}} \frac{\text{been}}{VP_{\text{en,ing}}/VP_{\text{ing}}} \frac{\text{being}}{VP_{\text{pass,ing}}/VP_{\text{pass}}} \frac{\text{arrest}}{VP_{\overline{\text{pass}}} \backslash NP} \frac{\text{-ed}}{VP_{\overline{\text{pass}}} \backslash (VP_{\overline{\text{inf}}}/NP)} \frac{\text{-ed}}{VP_{\overline{\text{pass}}} \backslash (VP_{\overline{\text{inf}}}/NP)} \frac{\text{-ed}}{VP_{\overline{\text{pass}}} \backslash (VP_{\overline{\text{inf}}}/NP)} \frac{\text{-ed}}{VP_{\overline{\text{pass}}} \backslash (VP_{\overline{\text{inf}}}/NP)} \frac{\text{-ed}}{VP_{\overline{\text{pass}}}} \frac{\text{-ed}}{VP_{\overline{\text{pass}}}}$$

Example above using \begin{ccg}{n}{data}{derivations}\end{ccg}. This environment puts in the first lines itself. Based on \cgex. No gloss line on top.



Another example, to show glossing in the beginning and the end.

It uses \begin{ccgg}{n}{data}{gloss}{derivations}\end{ccgg}.

$$\frac{\text{ver-dir}}{\text{give-caus}} \frac{\text{-ti.-past}}{\text{-caus}} \frac{\text{-ti.-past}}{\text{-past}}$$

$$\frac{VP_{\text{inf}} \backslash NP_{\text{dat}} \backslash NP_{\text{dat}} \backslash NP_{\text{acc}}}{: \lambda x \lambda y \lambda z. \text{give'} yxz} \frac{(S \backslash NP_{\text{nom}} \backslash NP_{\text{case}}) \backslash VP_{\text{inf}}}{: \lambda p \lambda x \lambda y. \text{cause'} (px)y} \frac{S \backslash NP_{\text{nom}} \backslash NP_{\text{dat}} \backslash NP_{\text{dat}} \backslash NP_{\text{acc}}}{(suve'x_1x_2x_3)x_4 \lambda x_5. \text{cause'} (cause' (give'x_1x_2x_3)x_4)x_5}$$
'made to let give', from Turkish