$$[\![\text{John punished the boy and Mary punished the girl who} - \text{fought}]\!] =$$

$$\left(\frac{\dfrac{\mathbf{1}_u \,[\,]}{\mathbf{sm.boy}^{\triangleright u} \star \lambda x.\,[\,]}}{\text{punish } x\, \mathsf{j}}\;\middle\|\;\begin{array}{c}[\,]\\[2pt]\hline[\,]\\[2pt]\hline\wedge\end{array}\;\middle\|\;\frac{\dfrac{\mathbf{1}_v\,[\,]}{\mathbf{sm.girl}^{\triangleright v}\star\lambda y.\,[\,]}}{\text{punish } y\, \mathsf{m}}\right)^{\Updownarrow}\;\middle\|\;\begin{array}{c}[\,]\\[2pt]\hline\mathbf{who}\end{array}\;\middle\|\;\left(\frac{\dfrac{[\,]}{-_{u+v}\star\lambda z.\,[\,]}}{z}\;\middle\|\;\frac{\dfrac{[\,]}{[\,]}}{\text{fought}}\right)^{\Updownarrow}$$