

A tree:

$$\frac{\frac{[a]^1 \quad a \rightarrow b}{b} \quad b \rightarrow c}{\frac{c}{a \rightarrow c} \quad 1}$$

A diagram:

$$\begin{array}{ccc} LA & \longleftarrow & A \\ \downarrow & \longleftrightarrow & \downarrow \\ B & \longleftarrow & RB \\ \mathbf{B} & \xleftarrow{L} & \mathbf{A} \\ & \xrightarrow{R} & \end{array}$$