

can-apply-compose^{11,40}

$\forall A, B, C:\text{Type}, g:(A \rightarrow (B + \text{Top})), f:(B \rightarrow (C + \text{Top})), x:A.$

$(\uparrow \text{can-apply}(f \circ g ; x)) \Rightarrow \{(\uparrow \text{can-apply}(g;x)) \ \& \ (\uparrow \text{can-apply}(f;\text{do-apply}(g;x)))\}$

ProofTree