

Inference at \*  
of proof for Lemma inl-do-apply:

$\vdash \forall A, B:\text{Type}, f:(A \rightarrow (B + \text{Top})), x:A. (\uparrow \text{can-apply}(f;x)) \Rightarrow ((\text{inl do-apply}(f;x) ) \sim (f(x)))$   
by (((UnivCD)  
CollapseTHEN (Auto·)·)  
CollapseTHEN (MoveToConcl (-1))·)

    CollapseTHEN ((Unfolds “can-apply do-apply“ ( 0)·)  
CollapseTHEN (((  
    GenConclAtAddr [1;1;1])  
CollapseTHEN (Auto·)·)  
CollapseTHEN ((D (-2))·)

    CollapseTHEN ((Reduce 0)  
CollapseTHEN (Auto·)·)·)·)

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