

Inference at * 1
of proof for Lemma before_last:

1. T : Type

2. T List

$\vdash \forall x:T. (x \in []) \Rightarrow (\neg(x = \text{last}([]))) \Rightarrow x \text{ before } \text{last}([]) \in []$

by ((((((D 0)

CollapseTHENM (D 0)).)

CollapseTHENM (RWO "nil_member" (-1))).)

CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t
) inil_term))).

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