

Inference at *
of proof for Lemma length-lastn:

$\vdash \forall A:\text{Type}, L:(A \text{ List}), n:\mathbb{N}. (n \leq \|L\|) \Rightarrow (\|\text{lastn}(n;L)\| = n)$
by ((Unfold 'lastn' 0)
CollapseTHEN (Auto.)).

1:

1. $A : \text{Type}$
 2. $L : A \text{ List}$
 3. $n : \mathbb{N}$
 4. $n \leq \|L\|$
- $\vdash \|\text{nth_tl}(\|L\| - n;L)\| = n$
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