Inference at $*$ 1 1
of proof for Lemma l_before_transitivity:

1. T : Type
2. l : T List
3. x : T
4. y : T
5. z : T
6. no_repeats(T;l)
7. $[x; y] \subseteq l$
8. $[y; z] \subseteq l$

$\vdash [x; z] \subseteq [x; y; z]$

by InteriorProof ((((((((((((RWO "cons_sublist_cons" 0)
CollapseTHEN (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
:t) inil_term)))·)
CollapseTHEN (OrLeft))·)
CollapseTHEN (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
:t) inil_term)))·)
CollapseTHEN (RWO "cons_sublist_cons" 0))·)

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

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

1:

$\vdash [z] \subseteq [z]$

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http://www.nuprl.org/FDLcontent/p0_963683_/p122_80995_{l_before_transitivity}1_1.html