Inference at * 1 0
of proof for Lemma zip_wf:

. . . . .subterm. T:t2:n

1. T_1 : Type
2. T_2 : Type
3. T_1 List
4. u : T_1
5. v : T_1 List
6. $\forall bs$:(T_2 List). zip(v;bs) ∈ ((T_1 × T_2) List)
7. T_2 List
8. T_2
9. v_1 : T_2 List
10. rec-case(v_1) of [] => [] | b::bs' => .[<u, b> / zip(v;bs')] ∈ ((T_1 × T_2) List)

⊢ zip(v;v_1) ∈ ((T_1 × T_2) List)
by DupHyp (6)
THEN (GuardBody (-1)
THEN InstGenHypByAddr (-1) [] [!ml_var(bs), v_1]) THENA (Auto')
THEN ml_nth_hyp((-1))

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http://www.nuprl.org/FDLcontent/p0_963683_/p122_82552_{zip_wf}1_0.html