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

$\vdash \forall A, B$:Type, f:($A \to B$). (Id o f) = f
 by ((Unfolds “identity compose“ 0)
 CollapseTHEN ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

 1:

 1. A : Type
 2. B : Type
 3. f : $A \to B$
 $\vdash (\lambda x.(\lambda x.x)(f(x))) = f$

 .

---

http://www.nuprl.org/FDLcontent/p0_942988_/p121_85043_{comp_id_l}1.html