Inference at $*$
 of proof for Lemma let_wf:

$\vdash \forall A$, B:Type, a:A, b:$(A \rightarrow B)$. let $x = a$ in $b(x) \in B$
  by ((Unfold ‘let‘ 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. a : A
      4. b : $A \rightarrow B$
      $\vdash (\lambda x.b(x))(a) \in B$
    .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_97796_{let_wf}.html