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

1. A : Type
2. B : Type
3. f : $A \rightarrow B$

$\vdash (\lambda x.f(x)) = f$

 by ((((ExtWith [] [$A \rightarrow B$])
 CollapseTHEN (Reduce 0))·)
 CollapseTHEN (
  (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

  .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_85262_{eta_conv}1.html