

Inference at \*  
of proof for Lemma rev\_bimplies\_wf:

$\vdash \forall p, q : \mathbb{B}. (p \Leftarrow_b q) \in \mathbb{B}$   
by ((Unfold ‘rev\_bimplies‘ 0)  
CollapseTHEN ((Auto\_aux (first\_nat 1:n) ((first\_nat 1:n  
),(first\_nat 3:n)) (first\_tok :t) inil\_term))).