

Inference at \*  
of proof for Lemma bool\_wf:

```
⊢ ℬ ∈ Type
  by ((Unfold 'bool' 0)
      CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 3:n)) (first_tok :t) inil_term))))
```