

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

```
⊢∀A:Type, a:A. (a ∈ A) ∈ Type
  by ((UnivCD)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)
      )) (first_tok :t) inil_term)))
```