

Inference at \*  
of proof for Lemma adjacent-nil:

```
⊢∀T:Type, x, y:T. adjacent(T;[];x;y) ⇒ False
  by (((Unfold 'adjacent' 0)
    CollapseTHEN (MaAuto·))·)
    CollapseTHEN (((Reduce (-1))
      CollapseTHEN (((ExRepD·)
        CollapseTHEN (Auto·))·))·)·
```