

Inference at \*  
of proof for Lemma eq\_int\_wf:

$\vdash \forall i,j:\mathbb{Z}. (i =_0 j) \in \mathbb{B}$   
by ((Unfold 'eq\_int' 0)  
CollapseTHEN ((Auto\_aux (first\_nat 1:n) ((first\_nat 1:n  
),(first\_nat 3:n)) (first\_tok :t) inil\_term))).