

Inference at * 1
of proof for Lemma ifthenelse_wf:

1. $b : \mathbb{B}$
2. $A : \text{Type}$
3. $p : A$
4. $q : A$
 $\vdash \text{if } b \text{ then } p \text{ else } q \text{ fi} \in A$
by ((Unfold 'ifthenelse' 0)
CollapseTHEN (Unfold 'bool' 1)).

1:

1. $b : ?\text{Unit}$
2. $A : \text{Type}$
3. $p : A$
4. $q : A$
 $\vdash \text{case } b \text{ of inl() } \Rightarrow p \mid \text{inr() } \Rightarrow q \in A$
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