

Inference at \* 1  
of proof for Lemma bool-to-dcdr\_wf:

1.  $A : \text{Type}$
  2.  $f : A \rightarrow \mathbb{B}$
  3.  $x : A$
- $\vdash \{f\}_b(x) \in \text{Dec}(f(x) = \text{tt})$   
by Assert  $\{f\}_b \in (\forall x:A. \text{Dec}(f(x) = \text{tt}))$

1: .....assertion..... NILNIL

$\vdash \{f\}_b \in (\forall x:A. \text{Dec}(f(x) = \text{tt}))$

2:

4.  $\{f\}_b \in (\forall x:A. \text{Dec}(f(x) = \text{tt}))$   
 $\vdash \{f\}_b(x) \in \text{Dec}(f(x) = \text{tt})$

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