

Inference at * 1 1 4 1
of proof for Lemma decidable_atom_equal:

.....subterm..... T:t1:n

1. $a : \text{Atom}$

2. $b : \text{Atom}$

3. $\neg(a = b)$

$\vdash (\lambda x.x) \in (\neg(a = b))$

by ((Unfold 'not' 0)

CollapseTHEN (MemCD)).

1:subterm..... T:t1:n

4. $x : a = b$

$\vdash x \in \text{False}$

2:eq aux..... NILNIL

$\vdash (a = b) \in \text{Type}$

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