

Inference at *
of proof for Lemma decidable_atom_equal:

$\vdash \forall a, b : \text{Atom}. \text{Dec}(a = b)$
by (((Unfold 'decidable' 0)
CollapseTHENM (RepD)).)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).

1:

1. $a : \text{Atom}$
 2. $b : \text{Atom}$
- $\vdash (a = b) \vee \neg(a = b)$

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