

Inference at *
of proof for Lemma assert_of_eq_atom:

$\vdash \forall x, y: \text{Atom}. (\uparrow x =_a y) \iff (x = y)$
by (((Unfold 'eq_atom' 0)
CollapseTHEN (GenUnivCD)).)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).

1:

1. $x : \text{Atom}$
2. $y : \text{Atom}$
3. $\uparrow \text{if } x=y \text{ then tt else ff}$
 $\vdash x = y$

2:

1. $x : \text{Atom}$
2. $y : \text{Atom}$
3. $x = y$
 $\vdash \uparrow \text{if } x=y \text{ then tt else ff}$

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