Inference at $*$
of proof for Lemma refl_functionality_wrt_iff:

$\vdash \forall T$:Type, R, R':($T \to T \to \mathbb{P}$).
($\forall x$, y:T. $R(x,y) \iff R'(x,y)$) $\Rightarrow$ (Refl(T;x,y.$R(x,y)$) $\iff$ Refl(T;x,y.$R'(x,y)$))
by InteriorProof ((((((Unfold ‘refl‘ 0)
CollapseTHENM (GenRepD))·)
CollapseTHENM (
HypBackchain))·)
CollapseTHENA ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_82322_{refl_functionality_wrt_iff}.html