

Inference at *
of proof for Lemma squash_functionality_wrt_iff:

```

 $\vdash \forall P, Q : \mathbb{P}. \{P \iff Q\} \Rightarrow \{(\downarrow P) \iff (\downarrow Q)\}$ 
  by InteriorProof (((((((Unfold 'guard' 0)
    CollapseTHENM (RepeatMFor 4 (D 0))))))
      CollapseTHENM (BLemma 'squash_functionality_wrt_implies'))
      CollapseTHENM (HypBackchain)))
CollapseTHENA ((Auto_aux (first_nat
  1:n) ((first_nat 1:n), (first_nat 3:n) (first_tok :t) inil_term)))
.

```