

Q-R-glues-trivial-split^{11,40}

$\forall es:ES, P:(E \rightarrow \mathbb{P}), p:(\forall e:E. \text{Dec}(P(e))), Q, R:(E \rightarrow E \rightarrow \mathbb{P}), A, B:\text{Type}, Ia:\text{AbsInterface}(A),$
 $Ib:\text{AbsInterface}(B), f:(E(Ia) \rightarrow B), g:(E(Ib) \rightarrow E), q:(\forall e:E. \text{Dec}((\uparrow(e \in_b Ib)) \text{ c} \wedge P(g(e))))).$
 $(\forall e:E. (\uparrow(e \in_b Ib)) \Rightarrow P(g(e)))$
 $\Rightarrow g \text{ glues } (Ia|p):Q \dashrightarrow f \rightarrow (Ib|q):R$
 $\Rightarrow g \text{ glues } (Ia|p):Q \dashrightarrow f \rightarrow Ib:R$