

es-pstar-q_functionality_wrt_rev_implies^{11,40}

$$\begin{aligned}
& \forall es:ES, e_1:E, e_2:\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\}, p', q', p, \\
& q:(\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} \rightarrow \{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} \rightarrow \mathbb{P}). \\
& (\forall a, b:\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} . \\
& (a \in [e_1, e_2]) \Rightarrow (b \in [e_1, e_2]) \Rightarrow \{p(a,b) \Leftarrow p'(a,b)\}) \\
& \Rightarrow (\forall a, b:\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} . \\
& (a \in [e_1, e_2]) \Rightarrow (b \in [e_1, e_2]) \Rightarrow \{q(a,b) \Leftarrow q'(a,b)\}) \\
& \Rightarrow \{[e_1;e_2] \sim ([a,b].p(a,b)) * [a,b].q(a,b) \Leftarrow [e_1;e_2] \sim ([a,b].p'(a,b)) * [a,b].q'(a,b)\}
\end{aligned}$$