

decidable_existse-before^{11,40}

$\forall es:\text{ES}, e':\text{E}, P:(\{e:\text{E} \mid \text{loc}(e) = \text{loc}(e') \in \text{Id}\} \rightarrow \mathbb{P}).$
 $\forall e@\text{loc}(e'). \text{Dec}(P(e)) \Rightarrow \text{Dec}(\exists e < e'. P(e))$