

no-repeats-pairwise^{11,40}

$\forall T:\text{Type}\{i\}, L:(T \text{ List}), P:(\{x:T \mid (x \in L)\} \rightarrow \{x:T \mid (x \in L)\} \rightarrow \mathbb{P}\{i\})$.

$\text{no_repeats}(T;L) \Rightarrow (\forall x, y:\{x:T \mid (x \in L)\} . (\neg(x = y)) \Rightarrow P(x,y)) \Rightarrow (\forall x,y \in L. P(x,y))$