

no_repeats-append^{11,40}

$\forall T:\text{Type}, L_1, L_2:(T \text{ List}).$

$\text{no_repeats}(T;L_1 @ L_2) \iff \{\text{no_repeats}(T;L_1) \ \& \ \text{no_repeats}(T;L_2) \ \& \ \text{l_disjoint}(T;L_1;L_2)\}$